

From glowbugs@devp214.theporch.com Wed Feb 5 12:38:28 1997
Return-Path: <glowbugs@devp214.theporch.com>
Received: from devp214.theporch.com (devp214.theporch.com [192.150.244.22])
by uro.theporch.com (8.8.5/AUX-3.1.1)
with ESMTP id MAA19170 for <shimshon@theporch.com>;
Wed, 5 Feb 1997 12:38:27 -0600 (CST)
From: glowbugs@devp214.theporch.com
Received: from devp214.theporch.com (localhost [127.0.0.1])
by devp214.theporch.com (8.8.4/SCO-5.0.2) with SMTP
id SAA09332; Wed, 5 Feb 1997 18:36:09 GMT
Date: Wed, 5 Feb 1997 18:36:09 GMT
Message-Id: <199702051836.SAA09332@devp214.theporch.com>
Errors-To: ws4s@infoave.net
Reply-To: glowbugs@devp214.theporch.com
Originator: glowbugs@devp214.theporch.com
Sender: glowbugs@devp214.theporch.com
Precedence: bulk
To: Multiple recipients of list <glowbugs@devp214.theporch.com>
Subject: GLOWBUGS digest 437
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@theporch.com
Status: 0

GLOWBUGS Digest 437

Topics covered in this issue include:

- 1) Re: 160m, The good 'ol days!
by bry@mnsinc.com (Brian Carling G3XLQ/AF4K)
- 2) Wallace website at new location, comments welcome
by wallace@world.std.com (Andy Wallace)
- 3) Top Band Frequency
by mack@mails.imed.com
- 4) Re: Top Band Frequency
by rdkeys@csemail.cropsci.ncsu.edu
- 5) 70V PA output transformers
by jeffd@coriolis.com (Jeff Duntemann)
- 6) Re: Top Band Frequency
by bill@skeeter.frco.com (William Hawkins)

Date: Tue, 04 Feb 1997 23:54:03 GMT
From: bry@mnsinc.com (Brian Carling G3XLQ/AF4K)
To: glowbugs@theporch.com
Subject: Re: 160m, The good 'ol days!
Message-ID: <199702050253.VAA17621@news2.mnsinc.com>

I thought you glowbugs chaps would enjoy seeing what you have been missing in this great thread over on the newsgroup: uk.radio.amateur the past few days. Here is a nifty example:

On Tue, 04 Feb 1997 12:40:31 GMT, Walt G3NYY inscribed eloquently:

|>g3pho@aol.com wrote:

|>>Ps...before anyone says it...I do not have sour grapes over the subject of

|>>LYW, even though he had a bigger signal than me.....(or should I say than

|>>my 807 with 9.5 watts DC input)

|>You should have had sour grapes, Peter! An 807 running 9.5 watts input

|>would have been very inefficient - even in Class C. You need to run at

|>least 60 watts input to make an 807 operate near its peak efficiency.

|>(600 - 750 volts on the plate). For 9.5 watts input, you would have

|>done better with a 5763 or a TT11 ... or even an audio beam tetrode like

|>a 6L6.

|>For a couple of years, I used a single-valve crystal oscillator on 40m

|>CW, using a 6V6G at 14 watts DC input. The RF output was about 9 watts.

|>I was able to work all over Europe with that little rig and even managed

|>a few trans-Atlantic contacts with it.

|>73 de G3NYY

|>--

|>Walt Davidson E-mail: walt@dial.pipex.com

|> walt@enterprise.net

|>

73 from Bry (((Amateur Radio G3XLQ / AF4K)))

<http://www.mnsinc.com/bry/>

E-mail: bry@mnsinc.com

Home of MEGALIST ham radio files, SWL info. etc. etc.

Date: Wed, 05 Feb 1997 02:57:48 GMT

From: wallace@world.std.com (Andy Wallace)

To: boatanchors@theporch.com, glowbugs@theporch.com

Subject: Wallace website at new location, comments welcome

Message-ID: <32f8f602.460436@world.std.com>

Hi, Folks!

It was awfully nice of John Brewer to be the caretaker of my radio
JPGs for the past year or more. But I thought I'd take the load off
his back and get some experience with HTML myself, so --

My pictures are now at:

<http://world.std.com/~wallace/>

and I'd love for you to take a look. At present there are almost 40
pictures online, of various rigs in various states of repair. I hope
you'll all find the place interesting. Please let me know what you
think. The links page has just one link at present. If you have a
homepage and want to link to me, feel free, and if you'd like me to
link your radio page in, give me the URL when you visit.=20

Note the tilde before "wallace," and note there's no www=20
involved, though if you add it it may still work.=20

Enjoy!

73,
--Andy
wallace@world.std.com
<http://world.std.com/~wallace/>=20
(vacuum tube ham stuff)
Comments appreciated!

Date: Wed, 05 Feb 97 08:23:14 cst
From: mack@mails.imed.com
To: glowbugs@theporch.com
Subject: Top Band Frequency
Message-ID: <9701058551.AA855159688@mails.imed.com>

Hey Y'all:

I'm putting together a small glowbug for 160M for AM use. I'm
basically lazy, so I was thinking of using a common 1.8432 MHz
microprocessor crystal and trying to get others to do the same. I
haven't been able to figure out any kind of band plan other than a DX
window that I don't recall right now. Does this use make sense to
y'all? Should I just get off my duff and just build a VFO? What
think y'all?

Ray Mack
WD5IFS

mack@mails.imed.com
Friendswood (Houston), TX

Date: Wed, 5 Feb 1997 11:12:43 -0500 (EST)
From: rdkeys@csemail.cropsci.ncsu.edu
To: mack@mails.imed.com
Cc: rdkeys@csemail.cropsci.ncsu.edu (), glowbugs@theporch.com
Subject: Re: Top Band Frequency
Message-ID: <9702051612.AA143266@csemail.cropsci.ncsu.edu>

>
> Hey Y'all:
> I'm putting together a small glowbug for 160M for AM use. I'm
> basically lazy, so I was thinking of using a common 1.8432 MHz
> microprocessor crystal and trying to get others to do the same. I
> haven't been able to figure out any kind of band plan other than a DX
> window that I don't recall right now. Does this use make sense to
> y'all? Should I just get off my duff and just build a VFO? What
> think y'all?
>

I would think that is a good idea. The xtals are cheap and even can be found on dud pc serial boards from the pc and xt era (for example old Zenith serial boards have a good rock at that QRG).

The problem is that that is smack in the middle of a lot of fone activity. They get pretty testy when cw folks creep up that far. If a tiny AM did likewise, dunno. They might freak out or be happy.

But, I would favor that QRG well, for both CW and Fone. Also, it will double nicely up to 3686.4 khz which is a good novice QRG, or if the Novice gets canned, will still be a reasonable CW QRG.

Try it and see if you get a lot of flak. Donn yer flak jacket an' tally ho!

73/ZUT DE NA4G/Bob UP

Date: Wed, 5 Feb 1997 10:18:58 -0700

From: jeffd@coriolis.com (Jeff Duntemann)
To: glowbugs@theporch.com
Subject: 70V PA output transformers
Message-ID: <3.0.32.19970205101150.016c4160@165.247.88.2>

Hi gang--

I was digging around in my transformer bin last night, and retrieved one of my several "70V line transformers" which are in fact PA audio output transformers. I've often wondered what it is about the transformer that makes it a 70V transformer. Do they use a 70V audio signal to define the impedance? Are the primaries of all 70V transformers the same impedance, then?

Any thoughts on this?

--73--

--Jeff Duntemann KG7JF
Scottsdale, Arizona

Date: Wed, 5 Feb 1997 12:22:04 -0600
From: bill@skeeter.frco.com (William Hawkins)
To: rdkeys@csemail.cropsci.ncsu.edu
Cc: glowbugs@devp214.theporch.com
Subject: Re: Top Band Frequency
Message-ID: <9702051822.AA11766@skeeter.bvc.frco.com>

Don't really know what freq you want, but can you heterodyne a computer crystal with a 32 KC watch crystal and get closer to what you want? Or keep doubling the line frequency (ripple from the P/S) until you get what you need to add or subtract - sort of a poor man's synthesizer? :-)

Regards,
Bill Hawkins bill@skeeter.frco.com

Or beat a couple of high freq xtals to get a useful difference ...

End of GLOWBUGS Digest 437
